

DIELECTRIC STRUCTURE FOR PRINTED CIRCUIT BOARD TRACES

ABSTRACT

A trace cover suitable for shielding a conductive trace on a top layer of a circuit board. The trace cover includes a dielectric body disposed substantially over the conductive trace, side shielding perpendicular to the direction of the conductive trace and substantially parallel to the length of the conductive trace, and top shielding disposed on the top surface of the body. The side shielding and top shielding are electrically coupled with the at least one circuit ground of the circuit board.